

Information about the Applicant

Company Name	Intermec Technologies Corporation
Grantee	Intermec Technologies Corporation
Address	550 Second Street SE
City, State, Zip	Cedar Rapids, IA 52401
Job Number	itrm0007
Model	GPRS Mobie Application
FCC ID	EHA700C-SMC45
Agent	Northwest EMC, Inc.
Approval Type	Class II Permissive Change
Equipment Class	DTS/PCB
Rule Part	15.247DSSS/24E

Overview

This application for the Class II Permissive Change of Intermec's Model 700C, FCC ID: EHA700C-SMC45. Approval is sought for use with another co-located radio. The 700C is a handheld computer, with three co-located radios installed inside (GPRS, 802.11(b), and Bluetooth). The 700C has been previously certified (FCC ID: EHA700C-SMC45) for mobile use with these three radios.

This Class II application demonstrates compliance with FCC requirements while the 700C is collocated with another previously certified RFID radio (FCC ID: EHARFID915PCC-6). This new RFID radio is internal to a pistol grip (Intermec Model IP3). The IP3 is an optional accessory that attaches externally to the bottom of the 700C. In this configuration, the 700C cannot be used in any body-worn configurations (holsters, belt clips, lanyards, etc). Since the IP3 uses the same IRDA interface port as the Bluetooth radio, the Bluetooth and RFID radios cannot transmit simultaneously (see Intermec's attestation letter). All other radios can transmit simultaneously. Each radio transmits through its own antenna.

The technical report and RF Exposure exhibits are supplied in support of the co-location condition described.

Recommendation

All items have been resolved and completed to my satisfaction; therefore I recommend this application for approval.

Signature


1/13/2004

Dean Ghizzone, TCB Committee

Findings

Opinions	
Specification Requirements	Description
47 Cfr 2.1033(b)(6)	Conversions showing how the test results were achieved
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	itrm0007.1_Report.pdf

Specification Requirements	Description
Required Exhibit	Test Setup Photo Exhibit
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	itrm0007_Report.pdf

Specification Requirements	Description
47 Cfr 1.1307(b),2.1091,2.1093	RF Exposure Hazard
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	itrm0007_Report.pdf

Specification Requirements	Description
47 Cfr 15.33	Frequency range of tests
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	itrm0007.1 Report.pdf

Specification Requirements	Description
47 Cfr 15.35	Measurement detectors
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	itrm0007.1 Report.pdf

Specification Requirements	Description
47 Cfr 15.205	Restricted bands
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	itrm0007.1 Report.pdf

Specification Requirements	Description
47 Cfr 15.209	Spurious Emissions
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	itrm0007.1 Report.pdf

Specification Requirements	Description
47 Cfr 15.247(c)	Spurious Radiated Emissions
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	itrm0007.1 Report.pdf

Specification Requirements	Description
47 Cfr 24.238(a)	Spurious Radiated Emissions
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	itrm0007 Report.pdf